

**USEPA/OECA/OC**  
**State and Tribal Assistance Grants FY2001**  
**Colorado: Development of Comprehensive Measurement Tool Template for the Asphalt Sector (COMET)**  
**Quarter 3, FY2003**  
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**Reporting of Milestones and Outcomes/Results for EPA's  
Enforcement and Compliance Assurance Grants**

Reporting Period Year: 2003  
Oct-Dec (due last working day Jan)  
Jan-Mar (due last working day Apr)  
X Apr-Jun (due last working day Jul)  
Jul-Sep (due last working day Oct)

**I. Information**

State/Tribe/University or Department: Colorado Dept. of Public Health & Environment  
Title of Project: Comprehensive Measurement Tool (COMET)  
Grant Contact Person: *(name, title, address, phone, fax, & email)*  
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Funds Received by Grantee (Date and amount): Aug. 16, 2002, \$75,000  
EPA Regional Project Officer: Arthur Horowitz, OECA/OPPAC  
EPA Regional Technical Contact: Jack Hiding, EPA Region 8  
Author of report: Phyllis Woodford, CDPHE

**II. Status of Project Milestones**

Significant milestones for the project should be entered into this table at the beginning of the grant period and should appear in every report (unless it is dropped from the project).  
With each report, please fill in dates or add milestones as appropriate. If dates or milestones are adjusted in subsequent reports, please indicate this in the comment field or in text below the table.

Project Milestones and/or comments	Anticipated Completion Date	Completion Date
1) Project Kickoff – delay due to receipt of grant award in mid-Aug. 2002.	July 1, 2002	Oct. 15, 2002*
2) Purchase Order Contract signed by project contractor, EME Solutions and CDPHE.	July 14, 2002	Oct. 22, 2002*
3) COMET research and literature review.	Dec. 20, 2002	Dec. 19, 2002

4) Develop draft template with compliance and P2 indicators.	Jan. 21, 2003	Jan. 21, 2003
5) Develop COMET template specific to the asphalt industry.	Mar. 1, 2003	April 1, 2003*
6) Develop instruction manual for template users.	Mar. 1, 2003	April 1, 2003*
7) Complete and implement COMET template.	June 2003	June 2003
8) Begin Phase II – securing partners/commitments to implement COMET tools	July 2003	
9) COMET tool development and implementation	Feb. 2004	
10) Determine relationship between traditional and focused inspections.	Feb. 1, 2004	
11) Develop measurement tools to determine environmental outcomes and environmental indicators.	June 1, 2004	
12) Measure impact of COMET implementation on compliance and environmental outcomes	June 1, 2004	
13) Develop final report	June 30, 2004	

### III. Project Status.

Anticipated project completion date: June 30, 2004

### IV. Results/Outcomes:

(Both planned and actual - to be updated with each report) Outcome measures include changes in awareness and understanding, changes in behavior, and environmental and human health improvements.

Planned: Performance measurements have been researched and evaluated during the initial phase of the project and have been included in the draft COMET template. The performance measurements will be analyzed later in the project (after implementation of the COMET).

Planned measurements include an evaluation of the following: Traditional inspections versus focused, sector-based inspections based proceeded by an innovative compliance assistance approach (a carry over from the Compass project); The change in environmental outcomes including factors such as regulatory compliance, pollution prevention indicators and non-traditional emission sources. The proposed measure will draw a link between the measured change in a compliance indicator and an environmental outcome. The impact on compliance and environmental outcomes following implementation of the COMET project.

Milestones 1) and 2) did not meet the anticipated completion date due to delay receipt of funds.

Milestone 5) and 6) – development of the COMET template and manual missed the anticipated completion date by one month. This delay was due to health-related issues experienced by the contractor. The delay does not impact the project as extra time was built into the schedule to accommodate unexpected or unanticipated issues such as this.

Actual: The project has already begun to increase awareness in the benefits of implementing COMET-like tools in the asphalt sector. Positive impacts are experienced during meetings with the project members and the industry's association work group. The educational component stems from the contractor's work and interactions with the project members.

Several project partners have already started developing similar COMET tools to improve compliance and to achieve improved environmental performance. In addition to the initial training day held on March 12, 2003 with the project partners, two other comprehensive COMET trainings were held in May 2003 – one in Denver on May 19<sup>th</sup> and

one in Durango on May 22<sup>nd</sup>. During the comprehensive training sessions, the trainers reviewed the required elements of a COMET (environmental policy, aspects, objectives, targets, procedures, documentation, recordkeeping, etc.) using asphalt-specific examples and the project template and manual as reference material.

To date, nine companies have committed to Phase II of the project, COMET development and implementation. On-site technical assistance has been provided to one company in June 2003 with other site visits scheduled for the summer of 2003.

Describe results and attach additional information if necessary.

Examples of Outcome Measures:

Funding Area - with Goal	Outcome Measurement Examples
CA Outcome Measurement - developing and testing outcome measures from state/tribal enforcement and compliance assurance activity.	State has shown evidence of incorporating outcome measures into their performance measurement system.
Data Quality - projects that assist states/tribes with reporting of consistent streamlined environmental and compliance data to EPA. (Better integration of data across EPA systems)	1. Successful PCS upgrading results in flawless data integration across all states/tribes (EPA has fewer data problems with state that received the grant). 2. Reporting problems are identified and recommendations are developed to solve the problem (number of reporting problems in next fiscal year has decreased) 3. Access to multi-media data is greatly facilitated.

#### V. Other

On July 1, 2003 CDPHE received correspondence from Art Horowitz via e-mail that the grant has been extended until June 30, 2004. On receipt of the official grant paperwork, it was evident that the grant was extended to April 30, 2004 and not through June 30, 2004 as anticipated. Given the remaining work under the contract, the April 2004 date will need to be extended as that date nears. At this time, Colorado will move forward with the April 2004 contract deadline.